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1. A high speed spindle motor for a disc drive comprising:

- a) a shaft;
- b) a disc support member attached to the shaft and including a permanent magnet;
  - c) a bearing surrounding the shaft;
  - d) a stator; and
- e) a monolithically formed body that substantially encapsulates the stator, the body configured to align the shaft, disc support member and bearing with respect to one another.
- 2. The high speed motor of claim 1 wherein the body surrounds the bearing.
- 3. The high speed motor of claim 1 wherein the bearing comprises an upper bearing and a lower bearing.
- 4. The high speed motor of claim/3 wherein the body substantially surrounds the upper bearing and the lower bearing.
- 5. The high speed motor of claim 1 wherein the shaft is fixed relative to the body.
- 6. The high speed motor of claim 1 wherein the shaft is freely rotatable relative to the body.
- 7. The high speed motor of claim 1 wherein mounting features are formed in the body to mount the high speed motor to a hard disc drive.
- 8. The high speed motor of claim 1 wherein an insert is substantially encapsulated within the body.

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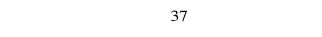
9. The high speed motor of claim 1 wherein the permanent magnet is concentrically disposed around the stator.

- 10. The high speed motor of claim 1 wherein the stator concentrically surrounds the permanent magnet.
- 11. The high speed motor of claim 1 wherein a second magnet is substantially encapsulated within the body.
- 12. The high speed motor of claim 1 wherein the second magnet is an enhancement magnet.
- 13. The high speed motor of claim 1 wherein the second magnet is part of a magnetic bearing.
  - 14. A high speed spindle motor for a disc drive comprising:
    - a) a shaft;
    - b) a disc support member attached to the shaft;
    - c) a bearing disposed around the shaft;
    - d) a stator; and
- e) a monolithically formed body that substantially encapsulates the stator, the monolithically formed body surrounding the bearings and the shaft.
- 15. The high speed motor of claim 14 wherein the bearing includes an upper bearing and a lower bearing.

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- 16. The high speed motor of claim 14 wherein the body concentrically surrounds the upper bearing and the lower bearing.
- 17. The high speed motor of claim 14 wherein a solid insert is substantially encapsulated within the body.
- 18. The high speed motor of claim 14 wherein an enhancement magnet is substantially encapsulated within the body.



19. The high speed motor of claim 14 wherein part of a magnetic bearing is substantially encapsulated within the body.

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